

ABSTRACT

A hydraulic motor includes a motor cylinder having motor plunger holes, motor plungers disposed in the respective plunger holes, a motor rolling member which is tilted and rolled to change the angle of a swash plate, and a motor servo mechanism for tilting and rolling the motor rolling member. The motor servo mechanism includes a screw shaft with male screw, a ball nut having a ball thread mated to the male screw and connected to an arm portion of the motor rolling member, a swash plate control motor, and a stopper mounted to the end of the screw shaft. The stopper includes a ring portion adjacent to the end of the male screw at a limit position of the ball nut and a flange portion which contacts the side face of the ball nut at the limit position.